

[Title of the Invention] Coin delivery unit

[Abstract]

[Subject]

Even when a coin which is in an overlapped state with other coins gets in between a conveyor belt and a separating roller, the overlapped state of coins is to be cancelled positively with a returning force of the separating roller and coins are to be separated and stably conveyed one by one.

[Solution]

When a coin C gets in between a conveyor belt 1 and a separating roller 2 in an overlapped state with other coins and even if a force acting in a direction of pressure-contact with the belt is developed, the conveyor belt is deformed in a relief direction in accordance with belt relief portions 5d and 5e of a belt guide member 5 to form a gap larger than a coin passage gap G, so that the force acting in a coin delivery direction on a coin C3 does not increase. The coin passage gap G is maintained by a convex-shaped gap forming portion 5a formed along a coin conveying direction so as not to permit passage of two or more coins at a time. Moreover, the area of contact of the coin C3 with the conveyor belt 1 which coin is apt to be

returned by the separating roller 2 decreases to be such a degree as to correspond to a width of the gap forming portion 5a, whereby the force acting in the coin delivery direction also decreases. Under such a condition, the overlapped state of coins is cancelled by the returning force of the separating roller 2 and coins can be positively separated and conveyed one by one.